

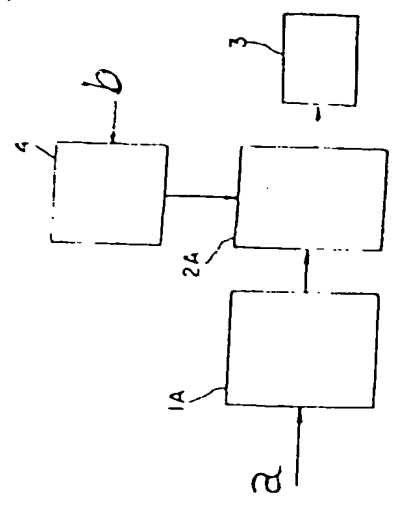
hand, the input signal passes through the input buffer 16, and a synchronous signal is removed from it by a clamp clip circuit 17, and it is digitized by an A/D converter 18, and becomes the address of a high speed SRAM 19 through an address switching gate 24. Then the data output of the SRAM 19 is converted into an analog value by a D/A converter 20, and becomes the control input of the multiplier 13. Accordingly, plural correction curves can be set arbitrarily with writing data by designating the address of the SRAM 19 through the gate 24 by a CPU 21.

(54) SYSTEM ENVIRONMENT ADAPTIVE TYPE CONTOUR COMPENSATING SYSTEM

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PURPOSE: To acquire a contour compensation effect corresponding to the change of system environment so that picture quality is improved by controlling adaptively contour compensation effect quantity in a contour compensating part in accordance with various system environment parameters.

CONSTITUTION: A picture signal received by a picture decoding part 1A is decoded by the picture decoding part 1A. Decoded data ia displayed on a picture display part 3 after being given the enhancement of a picture edge part by the prescribed contour compensation effect quantity by a contour compensating part 2A. At this time, the contour compensation effect quantity at the contour compensating part 2A is controlled adaptively by a contour compensation effect quantity control part 4 in accordance with the various system environment parameters. In such a configuration, the contour compensation effect corresponding to the change of the system environment is acquired, and the quality of the displayed picture can be improved drastically. Besides, it is preferable to use a transmission rate, a picture element omission rate, a moving picture-/still picture, the information quantity of an input picture, and the discontinuity of the input picture as the system environment parameters in the control part 4.



a: input signal, b: system environment parameter